|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Course: | SBI3U | | Unit: | Genetics | | Lesson: | Pedigrees | |
| **STUDENT LEARNING GOALS**:  By the end of this lesson, students will be able to construct and interpret pedigrees and be able to follow different inheritance patterns in a pedigree and predict which members will carry or have a disease. | | | | | **MATERIALS/APPENDICES**  Pedigree Powerpoint  Pedigree Handout  Assembling a pedigree activity | | | |
| **MINISTRY EXPECTATIONS**:  Nothing explicitly mentions pedigrees | | | | | Agenda: | | | |
| PRIOR KNOWLEDGE:  Genetics , punnett squares, sex linked and autosomal diseases. | | | | |
|  | | T/L STRATEGIES | | | RATIONALE | | | ASSESSMENT |
| A MINDS ON | | 1) The Royal Hemophiliacs | | |  | | |  |
| 2) | | |  | | |  |
| B ACTION | | 1) Pedigree Powerpoint | | |  | | |  |
|  | | 2) Pedigree activity with chart paper | | |  | | |  |
|  | | 3) | | |  | | |  |
| C CONSOLID-ATION &  CONNEC-TION | | 1)    2) | | |  | | |  |
| NEXT STEPS | |  | | |  | | |  |
| Comments: | | | | | | | | |